



U-1 8255AP-5 PPI Chip
 X-1 32.768 KHz crystal
 U-2 is a 16L8 Custom programmed PAL that can be obtained only from CL Digital or OES
 U-3 5832 Clock Chip
 C-1 and C-2 22 pf Ceramic disk capacitors
 C-3 .01 ceramic disk capacitor
 R-1 Beckman 898-1-R10K
 R-2 is a 2.4 Mohm 1/4 Watt resistor
 D-1 and D-2 1N4148 or 1N914 diodes
 C-4 and C-5 are .1 uf 16V disk capacitors
 C-6 is a 22 uf TANTALUM 50V capacitor

P-1 has been made from scrap 64K boards to date. We will make PC boards available if there is enough interest. It is also possible to find scrap boards in electronics shops with the ".1" center fingers for sale very cheap. Then all that is needed is to obtain some perf board from Radio Shack and glue a piece 15 pins wide to the perf board cut to a size of about 1.5" by 3".

P-1 has been made from scrap 64K boards to date. You can find scrap computer boards with pins on ".1" centers from most shops that repair IBM and CLONE type computers. Cut a section with 15 pins on each side and glue it with EPOXY to a piece of per-board cut 1.5" by about 3". You can mount all your components to this.

See separate parts list for all parts and sources.

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CL DIGITAL RTC (CLOCK)	
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